



Parma Rollaharrow

12' Rigid
Four Tine Bar

Effective:
April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16" Shafts & Double Roller Bearings

Order Number	Description	Approx. Wt	List Price
12R4	Rollaharrow Frames - Order One from this list		
3524016	Parma 12' 4 Bar Rollaharrow	35 Tines	3552#
			\$20,786.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523502	12' Roller with 10-12-17 Standard Rings - for Front or Rear	2664#	\$4,611.00
3523649	12' Roller with 12-14-20 Standard Rings - for Front or Rear	3324#	\$5,965.00
3523503	12' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,013.00
3523650	12' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$6,563.00
3523808	12' Pipe Roller, 16" Dia - for Front or Rear		\$3,947.00
3523818	12' Pipe Roller, 20" Dia - for Front or Rear		\$4,385.00
3524410	12' Roller with 20" Crowfeet - for Front		\$8,100.00
3524411	12' Roller with 20" Crowfeet - for Rear		\$8,037.00
The following rollers include packages to extend rear roller to 13'.			
3523932	13' with 10-12-17 Standard Rings - for Rear	2886#	\$5,301.00
3523935	13' with 12-14-20 Standard Rings - for Rear	3601#	\$6,736.00
3523933	13' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$5,737.00
3523936	13' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$7,380.00
3523917	13' Pipe Roller, 16" Dia - for Rear		\$4,695.00
3523918	13' Pipe Roller, 20" Dia - for Rear		\$5,269.00
	13' Roller with Crowfoot - for Rear w/Extender Blocks		\$10,495.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$2,043.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$2,158.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$337.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$374.00
3525644	Parma 13' 4 Bar Rollaharrow		\$21,782.00



Parma Rollaharrow

Effective:

14' Rigid
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16 Shafts & Double Roller Bearings

Order Number	Description	Approx Wt.	List Price
14R4	Rollaharrow Frames - Order One from this list		
3523895	Parma 14' 4 Bar Rollaharrow 43 Tines	3774#	\$22,773.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523514	14' Roller with 10-12-17 Standard Rings - for Front or Rear	3108#	\$5,214.00
3523655	14' Roller with 12-14-20 Standard Rings - for Front or Rear	3878#	\$6,751.00
3523515	14' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,696.00
3523656	14' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$7,464.00
3523809	14' Pipe Roller, 16" Dia - for Front or Rear	980#	\$3,841.00
3523819	14' Pipe Roller, 20" Dia - for Front or Rear		\$4,420.00
3524412	14' Roller with 20" Crowfeet - for Front		\$10,323.00
3524413	14' Roller with 20" Crowfeet - for Rear		\$10,210.00
The following rollers include packages to extend rear roller to 15'.			
3523941	15' with 10-12-17 Standard Rings - for Rear	3350#	\$5,850.00
3523944	15' with 12-14-20 Standard Rings - for Rear	4155#	\$7,452.00
3523942	15' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,356.00
3523945	15' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,198.00
3523919	15' Pipe Roller, 16" Dia - for Rear		\$4,463.00
3523920	15' Pipe Roller, 20" Dia - for Rear		\$5,112.00
	15' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$12,010.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$2,043.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$2,158.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$337.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$374.00
3525572	Parma 15' 4 Bar Rollaharrow		\$25,491.00



Parma Rollaharrow

Effective:

16' Rigid
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16 Shafts & Double Roller Bearings

Order Number	Description	Approx. Wt.	List Price
16R4	Rollaharrow Frames - Order One from this list		
3523898	Parma 16' 4 Bar Rollaharrow 47 Tines	4126#	\$25,834.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523526	16' Roller with 10-12-17 Standard Rings - for Front or Rear	3552#	\$5,727.00
3523661	16' Roller with 12-14-20 Standard Rings - for Front or Rear	4432#	\$7,477.00
3523527	16' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$6,277.00
3523662	16' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$8,294.00
3523810	16' Pipe Roller, 16" Dia - for Front or Rear	1175#	\$4,345.00
3523820	16' Pipe Roller, 20" Dia - for Front or Rear		\$4,910.00
3524414	16' Roller with 20" Crowfeet - for Front		\$10,943.00
3524415	16' Roller with 20" Crowfeet - for Rear		\$11,810.00
The following rollers include packages to extend rear roller to 17'.			
3523950	17' with 10-12-17 Standard Rings - for Rear	3774#	\$6,314.00
3523953	17' with 12-14-20 Standard Rings - for Rear	4709#	\$8,110.00
3523951	17' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,883.00
3523954	17' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,951.00
3523921	17' Pipe Roller, 16" Dia - for Rear		\$4,139.00
3523922	17' Pipe Roller, 20" Dia - for Rear		\$5,677.00
3526279	17' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$12,483.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,759.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$2,158.00
3524955	Pintle Hook in Liew of Clevis on Drill Hitch		\$337.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$374.00



Parma Rollaharrow

Effective:

18' Rigid
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light
Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
Four IF 280/70R15 Radial Tires
Split Front Roller
2-3/16" All Shafts & Double Roller Brgs

Order Number	Description	Approx. Wt.	List Price
18R4	Rollaharrow Frames - Order One from this list		
3524025	Parma 18' 4 Bar Rollaharrow 55 Tines	4948#	\$28,615.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523580	18' Roller with 10-12-17 Standard Rings - for Front, Split		\$7,764.00
3523538	18' Roller with 10-12-17 Standard Rings - for Rear	3996#	\$6,197.00
3523688	18' Roller with 12-14-20 Standard Rings - for Front, Split		\$9,732.00
3523667	18' Roller with 12-14-20 Standard Rings - for Rear	4986#	\$8,141.00
3523581	18' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$8,360.00
3523539	18' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,813.00
3523689	18' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$10,612.00
3523668	18' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,052.00
3524416	18' Roller with 20" Crowfeet - for Front		\$11,520.00
3524417	18' Roller with 20" Crowfeet - for Rear		\$12,611.00
3524023	18' Pipe Roller 16" Dia - Front, Split		\$5,939.00
3523811	18' Pipe Roller 16" Dia - for Rear		\$4,771.00
3524024	18' Pipe Roller 20" Dia - Front, Split		\$6,647.00
3523821	18' Pipe Roller 20" Dia - for Rear		\$5,632.00
The following rollers include packages to extend rear roller to 19'.			
3523959	19' with 10-12-17 Rings - for Rear	4418#	\$6,815.00
3523962	19' with 12-14-20 Rings - for Rear	5270#	\$8,821.00
3523960	19' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$7,453.00
3523963	19' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$10,080.00
3523923	19' Pipe Roller 16" Dia - for Rear		\$5,395.00
3523924	19' Pipe Roller 20" Dia - for Rear		\$6,320.00
	19' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$13,273.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,759.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$2,158.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$337.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$374.00



Parma Rollaharrow

Effective:

20' Rigid
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light
Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
Four IF 280/70R15 Radial Tires
Split Front Roller
2-3/16" All Shafts & Double Roller Brgs

Order Number	Description	Approx. Wt.	List Price
20R4	Rollaharrow Frames - Order One from this list		
3523907	Parma 20' 4 Bar Rollaharrow 59 Tines	5450#	\$30,536.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523586	20' Roller with 10-12-17 Standard Rings - for Front, Split		\$8,197.00
3523550	20' Roller with 10-12-17 Standard Rings - for Rear	4440#	\$6,709.00
3523691	20' Roller with 12-14-20 Standard Rings - for Front, Split		\$10,338.00
3523673	20' Roller with 12-14-20 Standard Rings - for Rear	5540#	\$8,866.00
3523587	20' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$8,851.00
3523551	20' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$7,402.00
3523692	20' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$11,304.00
3523674	20' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,884.00
3524418	20' Roller with 20" Crowfeet - for Front		\$13,864.00
3524419	20' Roller with 20" Crowfeet - for Rear		\$13,407.00
3523914	20' Pipe Roller 16" Dia - for Front, Split		\$5,915.00
3523812	20' Pipe Roller 16" Dia - for Rear		\$4,885.00
3523915	20' Pipe Roller 20" Dia - Front, Split		\$6,714.00
3523822	20' Pipe Roller 20" Dia - for Rear		\$5,799.00
526219	20' Pipe Roller 20" Dia - for Rear Heavy Duty		\$7,259.00
The following rollers include packages to extend rear roller to 21'.			
3523968	21' with 10-12-17 Standard Rings - for Rear	4662#	\$7,277.00
3523971	21' with 12-14-20 Standard Rings - for Rear	5820#	\$9,470.00
3523969	21' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$7,974.00
3523972	21' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$10,453.00
3523925	21' Pipe Roller 16" Dia - for Rear		\$4,728.00
3523926	21' Pipe Roller 20" Dia - for Rear		\$6,445.00
3525564	21' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$14,237.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,759.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$2,158.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$337.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$374.00
	Leveling Bar Deduct 18' - 24'		-\$2,460.00



Parma Rollaharrow

Effective:

24' Rigid
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light
Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
Four IF 280/70R15 Radial Tires
Split Front & Rear Roller w/Center Ridge Roller
2-3/16" All Shafts & Double Roller Brgs

Order Number	Description	Approx. Wt.	List Price
24R4	Rollaharrow Frames - Order One from this list		
3524032	Parma 24' 4 Bar Rollaharrow 73 Tines	7474#	\$34,890.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523604	24' Roller with 10-12-17 Standard Rings - for Front, Split	5350#	\$9,458.00
3524042	24' Roller with 10-12-17 Standard Rings - for Rear, Split w/Tag		\$12,237.00
3523700	24' Roller with 12-14-20 Standard Rings - for Front, Split	6648#	\$11,737.00
3524045	24' Roller with 12-14-20 Standard Rings - for Rear, Split w/Tag		\$14,790.00
3523605	24' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$10,231.00
3524043	24' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$13,072.00
3523701	24' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$12,899.00
3524046	24' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$16,027.00
3524420	24' Roller with 20" Crowfeet - for Front	3990#	\$16,507.00
3524421	24' Roller with 20" Crowfeet - for Rear	4440#	\$16,470.00
3523983	24' Pipe Roller 16" - for Front, Split		\$10,308.00
3526248	24' Pipe Roller 16" - for Rear, Split w/Tag		\$11,492.00
3523984	24' Pipe Roller 20" - for Front, Split	1980#	\$12,023.00
3526246	24' Pipe Roller 20" - for Rear, Split w/Tag	1980#	\$13,449.00
The following rollers include packages to extend rear roller to 25'.			
3523977	25' with 10-12-17 Rings - for Rear, Split w/Tag		\$12,682.00
3523980	25' with 12-14-20 Rings - for Rear, Split w/Tag		\$15,249.00
3523978	25' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$13,528.00
3523981	25' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$16,418.00
3524436	25' Pipe Roller 20" w/Tag Roller	2420#	\$13,958.00
	25' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$18,354.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,759.00
3524854	Grain Drill Hitch - 4 Bar Unit		\$2,208.00
3524955	Pintle Hook in Lieu of Clevis Drill Hitch		\$337.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$374.00



Parma Rollaharrow

Effective:

24' to 30' Folding Rollaharrow
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 4" Centers
Reversible 1" Chisel Points
3/8" Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain
Screw Jack for Tongue
Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on Lift Cylinders
2700 PSI Required for Folding 26', 28' & 30'
6-IF 280/70R15 Radial Tires 24'-30'
2-3/16" All Shafts & Double Roller Brgs
1' Extended Rear Roller
3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	Approx. Wt.	List Price
24' Folding Rollaharrow - 10' Center			
3526040	24' 4 Bar Rollaharrow with 12-14-20" Std Rings		\$74,741.00
24F4 24' Folding Rollaharrow - 12' Center 73 Tines			
3524265	24' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	18500#	\$71,645.00
3524264	24' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	20200#	\$75,409.00
3525420	24' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$70,834.00
3524267	24' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$73,748.00
3524266	24' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$78,152.00
3524427	24' 4 Bar Rollaharrow with 20" Crowfoot Rollers	19200#	\$81,126.00
26F4 26' Folding Rollaharrow - 12' Center 79 Tines			
3524546	26' 4 Bar Rollaharrow with 10-12-17 Std Ring Rollers		\$72,411.00
3524518	26' 4 Bar Rollaharrow with 12-14-20 Std Ring Rollers	21750#	\$76,098.00
	26' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$71,089.00
3524547	26' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$74,413.00
3524548	26' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$78,841.00
3525735	26' 4 Bar Rollaharrow with 20" Crowfoot Front, 12-14-20 Ductile Rear		\$82,620.00
3524557	26' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$86,881.00
28F4 28' Folding Rollaharrow - 14' Center 85 Tines			
3524297	28' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	21850#	\$73,492.00
3524296	28' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	23900#	\$77,254.00
	28' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$72,457.00
3524299	28' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$75,854.00
3524298	28' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$80,148.00
3524428	28' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$88,932.00
30F4 30' Folding Rollaharrow - 14' Center 91 Tines			
3524308	30' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	23000#	\$76,274.00
3524307	30' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	25500#	\$79,553.00
3526028	30' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear	19940#	\$74,638.00
3524310	30' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$78,898.00
3524309	30' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	25550#	\$82,770.00
3526404	30' 4 Bar Rollaharrow with 20" Crowfoot Frt, 12-14-20 Ductile Rear	23600#	\$85,582.00
3524429	30' 4 Bar Rollaharrow with 20" Crowfoot Rollers	23600#	\$91,833.00



Parma Rollaharrow

Effective:

32' to 40' Folding Rollaharrow
Four Tine Bar

April 1, 2020

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 4" Centers
Reversible 1" Chisel Points
3/8" Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain
Screw Jack for Tongue
Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on Lift Cylinders
2700 PSI Required for Folding 26', 28' & 30'
8-IF 280/70R15 Radial Tires 32'-40'
2-3/16" All Shafts & Double Roller Brgs
1' Extended Rear Roller
3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	List Price
32F4	32' Folding Rollaharrow - 18' Center - 7' Wings 20' Transport	
3524712	32' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$99,515.00
3524711	32' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$102,558.00
	32' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$112,974.00
34F4	34' Folding Rollaharrow - 18' Center - 8' Wings 20' Transport	
3524700	34' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$102,909.00
3524701	34' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$106,460.00
	34' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$115,481.00
36F4	36' Folding Rollaharrow - 18' Center - 9' Wings 20' Transport	
3524673	36' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$106,704.00
3524691	36' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$110,347.00
	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$117,732.00
3524673S	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers Front, 14-20 Std Rear	\$111,323.00
3524691-S	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers Front, 14-20 Ductile Rear	\$113,672.00
38F4	38' Folding Rollaharrow - 20' Center - 9' Wings 22' Transport	
	38' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$111,134.00
	38' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$114,698.00
	38' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$123,290.00
40F4	40' Folding Rollaharrow - 20' Center - 10' Wings 22' Transport	
3524962	40' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$117,810.00
3525768	40' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 34729#	\$121,354.00
	40' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$130,128.00
Optional Equipment		
3524913	Hydraulic Tine Bar Control - 4 Bar Unit (Folding: 32' - 40')	\$5,034.00
3524868	Grain Drill Hitch (Folding: 32'-36')	\$4,607.00
	Grain Drill Hitch (Folding: 40')	\$4,756.00
3521176	Assemble for Towaway (Folding Units)	\$834.00

Note: 2700 PSI Required to Fold Wings - Clean

32' to 36' Folding - Transport width 20" Rings - 20'

Typical Horsepower Requirement

- 7 H.P. Per Foot of Tool
- Add 1 H.P. Per Foot for Grain Drill
- Add 1 H.P. Per Foot for Hilly Conditions
- Add 2 H.P. Per Foot for Folding Harrow



Parma Rollaharrow

Effective:

16' to 40' Deep Frame for 22" Rings
Four Tine Bar

April 1, 2020

Adjustable Tine Bed

Heavy Duty S-Tines - Standard Clearance
- 4" Centers

Reversible 1" Chisel Points

3/8" Heavy Duty Tongue - 1-1/4" Pull Pins

Category 3 Ring Hitch Std

Saf-T-Chain

Screw Jack for Tongue

Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator

All Cylinders, Hoses, Ends to Tractor

Transport Locks on Lift Cylinders

5 x 30" Cylinders on 24' & 26' Units

6 x 30" Cylinders on 28' thru 40' Units

2700 PSI Required for Folding 26', 28' & 30'

IF 280/70R15 Radial Tires:

Qty 4 - 12' - 20' Qty 6 on 24' - 30'

Qty 8 - 32' - 40'

2-3/16" All Shafts & Double Roller Brgs

1' Extended Rear Roller

3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	List Price
	14' 4 Bar Rollaharrow	\$29,035.00
	14' Roller with 14-16-22" Ductile Rings - Front or Rear	\$8,899.00
	15' Roller with 14-16-22" Ductile Rings - For Rear	\$9,574.00
	16' 4 Bar Rollaharrow	\$31,380.00
3523755	16' Roller with 14-16-22" Ductile Rings Front or Rear	\$9,966.00
	17' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 17500#)	\$10,848.00
3525345	18' 4 Bar Rollaharrow	\$33,724.00
3525305	18' Roller with 14-16-22" Ductile Rings - For Split Front	\$12,485.00
3523761	18' Roller with 14-16-22" Ductile Rings - For Rear	\$10,948.00
	19' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18200#)	\$11,950.00
3525269	20' 4 Bar Rollaharrow	\$37,410.00
3525302	20' Roller with 14-16-22" Ductile Rings - For Split Front	\$13,383.00
3523767	20' Roller with 14-16-22" Ductile Rings - For Rear	\$12,015.00
3526390	21' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18600#)	\$12,931.00
3526165	24' 4 Bar Rollaharrow Rigid	\$41,986.00
3525308	24' Roller with 14-16-22" Ductile Rings - For Split Front	\$16,700.00
3526166	25' Extended Roller with 14-16-22" Ductile Ring Split Rear with Tag Roller	\$19,121.00
3523906	Hydraulic Tine Bar Control - 4 Bar Unit 16' & 24'	\$2,759.00
12' Center - 6' Wings		73 Tines
	24' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	21423# \$86,468.00
12' Center - 7' Wings		79 Tines
3525065	26' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	23217# \$93,677.00
14' Center - 7' Wings		85 Tines
	28' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	25111# \$104,095.00
14' Center - 8' Wings		91 Tines
3525189	30' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	26904# \$108,085.00
18' Center - 9' Wings 21' Transport		109 Tines
	32' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$116,009.00
	34' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$123,342.00
	36' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	33448# \$131,279.00
20' Center - 10' Wings 23' Transport		121 Tines
	40' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	37165# \$145,357.00
3524008	14' - 16' Grain Drill Hitch	\$2,158.00
3524008	18' - 20' Grain Drill Hitch	\$2,158.00
3524745	24' - 26' Grain Drill Hitch	\$4,541.00
3524745	28' - 30' Grain Drill Hitch	\$4,541.00
3524868	32' - 36' Grain Drill Hitch	\$4,607.00
	40' Grain Drill Hitch	\$4,756.00



Options & Accessories

Effective:

April 1, 2020

Options & Accessories

525728	Tongue Weld Rigid Drill Hitch - Fixed Tongue Attachment		\$318.00
525641	Tongue Weld Fldg Drill Hitch - Fixed Tongue Attachment 4 1/2" Centers		\$365.00
521448	Old Style Tongue Clevis 1 3/4" Bore (For Drill Hitch or Tongue)		\$288.00
521139	Clevis Drill Hitch Small Rigid (For Drill Hitch Only)		\$188.00
523174	Clevis Mount		\$188.00
524744	Clevis - Drill Hitch 2 1/2" Bore (For Drill Hitch or Tongue)		\$300.00
524930	Pintle Hook - Drill Hitch - Folding		\$637.00
524955	Pintle Hook - Drill Hitch - Rigid		\$589.00
525657	Mount Weld for Rigid GDH - 2 1/4" Centers (For 525641)		\$105.00
524910	1/2" x 34' Hoses Male Pipe w/Male & Female Tips	Pair	\$648.00
701658	Restrictor Fitting		\$19.35
525479	Greaseline Kit - Folding RH		\$1,010.00
980827D	Dodge Bearing 2 3/16		\$288.00
524884	Double Roller Bearing 2 3/16		\$481.35
525085	Lock Collar for Double Roller Brg.		\$105.00
523905	Hydraulic Tine Bar Control Kit 4 Tine Bar 12'-14' (after market)		\$2,270.00
523906	Hydraulic Tine Bar Control Kit 4 Tine Bar 16'-24' (after market)		\$3,073.00
523304	Hydraulic Tine Bar Control Kit 4 Tine Bar 24'-26' (after market)		\$4,669.00
523171	Hydraulic Tine Bar Control Kit 4 Tine Bar 28'-30' (after market)		\$4,985.00
524913	Hydraulic Tine Bar Control Kit 4 Tine Bar 32' -36' (after market)		\$5,594.00
	Charge for After Market Change to Hyd. Tine Bar in Yard		\$1,060.00
	Charge for After Market Change Hyd. To Mechanical Tine Bar in Yard (Labor)		\$841.00
525432	Slotted Cap - Wing Fold Cylinder (Solid End)		\$277.00
998413	Hardened Clevis Lift Cylinder		\$80.00
524370	Strut Weld - Centered (Not Installed) (Extra for Folding)		\$830.00
524879	Strut Weld - Offset (Not Installed) (Extra for 18'-24' Rigid)		\$830.00
	Charge for Installing Struts on Existing Axles	Ea.	\$562.00
524869	4-Strut Axle Wldmnt (18'-24' Rigid) Parts Only		\$5,261.00
3524869	4-Strut Axle Installed w/Order (18'-24' Rigid)	Add On	\$1,460.00
524969	Tire & Wheel Assy. 11L-15 26-Ply Used Aircraft	Ea	\$678.00
525743	Tire & Wheel Assy. IF 280/70R15 Radial	Ea	\$573.25
525741	Tire & Wheel Assy. Truck 215/75R 17.5	Ea	\$1,399.00
522620	Hub, Spindle, Wheel & IF 280/70R15 Radial Tire Assy.		\$931.00
526353	Hub & Spindle Assy. - Rollaharrow		\$311.00
525449	3-Strut Axle Wld (18'-24' Rigid) Parts Only		\$5,185.00
523908	Std 2-Strut Axle Wld (18' - 24' Rigid) Parts Only		\$3,654.00
	Turnbuckle in Lieu of Cylinder on Leveling Bar (2-R) (3-F)	Ea.	-\$171.00
521910R	IF 280/70R15 Radial Tire Only		\$370.00
525906	Hose Hanger (Support Behind Tractor)		\$113.00
522071	6" Spacer Block w/4-5/8" x 13" Bolts		\$335.00
524369	Square Drop Leg Sidewinder Jack 10000#		\$605.00
524362	Jack 1000# Sq. Drop Leg No Mount		\$454.40
526391	Kit, Handle, Gear & Bushing		\$88.40
526559	Pair Hardline and Hoses w/Tips - Rigid Drill Hitch		\$796.00



Options & Accessories

FOLDING DRILL HITCH 1997-2003		
3522326	20' - 24' 2 Bar	\$1,365.00
3522300	28' - 30' 2 Bar	\$1,398.00
3522310	20' - 24' 4 Bar	\$1,376.00
3522915	28' - 30' 4 Bar	\$1,433.00
3523172	Small Hitch	\$1,179.00
524005	Rigid Frame Drill Hitch Wldmnt (2010 and Older) - Order 525316	\$2,031.00
523118	Std. Tongue Weldment	\$3,582.00
526441	Tongue Assy W/Jack & Chain	\$5,191.00
524866	Std. Tongue Weldment 3 Pull Brkts (W/3rd Bracket)(Incl. 1 Pull Bracket)	\$4,346.00
525217	12' Tongue Weldment	\$4,494.00
525218	12' Tongue Assy	\$5,710.00
3525239	Drill Hitch 20' Inverted Pull	\$1,982.00
521104	Cat III Hitch Ring	\$189.00
525268	Wedge	\$32.10
525473	Cat 5 Bullpull® Hitch	\$722.00



Effective: April 1, 2020

Parma 3-Point Rollaharrow 10' Two Tine Bar

Heavy Duty S-Tine, Standard Clearance
6" Tine centers
2-3/16" All Shafts & Dbl Roller Bearings
6 x 6 3/8" Wall Front Tube

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit
All Remaining Accessories
Interchangeable w/Rigid Pull-Type

Order Number	Description	Approx. Wt	List Price
Rollaharrow Frames - Order one from this list.			
525960	10' 2-Bar Rollaharrow	1340#	\$9,266.00
	10' 3-Bar Rollaharrow	1380#	\$12,407.00
MUST ORDER: Rollaharrow Rollers - Order front & rear rollers			
3523490	10' Roller 10-12-17" Standard Ring - Front or Rear	2220#	\$4,188.00
525987	10' Pipe Roller 16" Front or Rear	700#	\$3,044.00
3526186	11' Roller 10-12-17" Standard Ring - Rear only		\$4,800.00
3526187	11' Pipe Roller 16" - Rear only		\$3,803.00



Effective:
April 1, 2020

Parma 3-Point Rollaharrow 12' Two or Three Tine Bar

Heavy Duty S-Tine, Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	Approx. Wt.	List Price
Rollaharrow Frames - Order one from this list.			
525961	12' 2-Bar Rollaharrow	1474#	\$12,971.00
	12' 3-Bar Rollaharrow	1995#	\$14,888.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar			
3523502	12' Roller 10-12-17" Standard Ring - Front or Rear		\$4,611.00
3523808	12' Pipe Roller 16" Front or Rear		\$3,947.00
3523932	13' Roller 10-12-17" Standard Ring - Rear only		\$5,301.00
3523917	13' Pipe Roller 16" - Rear only		\$4,695.00



Effective:
April 1, 2020

Parma 3-Point Rollaharrow

14' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Double Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
525962	14' 2-Bar Rollaharrow	\$13,913.00
	14' 3-Bar Rollaharrow	\$16,745.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523514	14' Roller 10-12-17" Standard Ring - Front or Rear	\$5,214.00
3523809	14' Pipe Roller 16" Front or Rear	\$3,841.00
The following are rollers to extend rear to 15'		
3523941	15' Roller 10-12-17" Standard Ring - Rear only	\$5,850.00
3523919	15' Pipe Roller 16" - Rear only	\$4,463.00
3526234	15' 2-Bar Rollaharrow	\$15,724.00



Parma 3-Point Rollaharrow 16' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
525963	16' 2-Bar Rollaharrow	\$17,136.00
	16' 3-Bar Rollaharrow	\$20,738.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523526	16' Roller 10-12-17" Standard Ring - Front or Rear	\$5,727.00
3523810	16' Pipe Roller 16" Front or Rear	1100# \$4,345.00
The following are rollers to extend rear to 17'		
3523950	17' Roller 10-12-17" Standard Ring - Rear only	\$6,314.00
3523921	17' Pipe Roller 16" - Rear only	\$4,139.00



Effective:
April 1, 2020

Parma 3-Point Rollaharrow 18' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
525964	18' 2-Bar Rollaharrow	\$19,381.00
	18' 3-Bar Rollaharrow	\$22,230.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523580	18' Roller 10-12-17" Standard Ring - Split Front	\$7,764.00
3523538	18' Roller 10-12-17" Standard Ring - Rear	\$6,197.00
3524023	18' Pipe Roller 16" - Split Front	\$5,939.00
3523811	18' Pipe Roller 16" - Rear	\$4,771.00
3523959	19' Roller 10-12-17" Standard Ring - Rear only	\$6,815.00
3523923	19' Pipe Roller 16" - Rear only	\$5,395.00



Effective:
April 1, 2020

Parma 3-Point Rollaharrow
20' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
525965	20' 2-Bar Rollaharrow	\$19,854.00
	20' 3-Bar Rollaharrow	\$23,833.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523586	20' Roller 10-12-17" Standard Ring - Split Front	\$8,197.00
3523550	20' Roller 10-12-17" Standard Ring - Rear	\$6,709.00
3523914	20' Pipe Roller 16" - Split Front	\$5,915.00
3523812	20' Pipe Roller 16" - Rear	\$4,885.00
The following are rollers to extend rear to 21'		
3523968	21' Roller 10-12-17" Standard Ring - Rear only	\$7,277.00
3523925	21' Pipe Roller 16" - Rear only	\$4,728.00



Parma Rollaharrow

Effective:

Rigid Export Models
Four Tine Bar

April 1, 2020

Standard Equipment

Heavy Duty S-Tines - Standard Clearance - 4" Centers on Four Bar Unit	Transport Locks on Lift Cylinders
Reversible 1" Chisel Points	Hyd Controlled Smoothing Bar with Depth Indicator
Solid Front Roller for 12ft to 16ft	Category 3 Ring Hitch Std
Split Front Roller for 18ft to 20ft	Screw Jack for Tongue
Heavy Duty Tongue - 1-1/4" Pull Pins	All Cylinders, Hoses, Ends to Tractor
Warning Light Kit	Six IF 280/70R15 Radial Tires for 18ft to 20ft
Saf-T-Chain	Four IF 280/70R15 Radial Tires for 12ft to 16ft
Boltable/Weldable Split Frame for Containerizing (Split for Front and Rear Halves)	2-3/16" All Shafts & Hvy Duty Dbl Roller Bearings
Loading Dollies and Stands	12-14-20 Ductile Rings Front and Rear
	Extended Rear Roller

Order Number	Description	Approx Wt.	Towing Width	List Price
	12' 4 Bar Rollaharrow 35 Tines	10800#	13' 10"	\$43,922.00
	14' 4 Bar Rollaharrow 43 Tines	12200#	15' 10"	\$47,241.00
	16' 4 Bar Rollaharrow 47 Tines	13600#	17' 10"	\$51,793.00
	18' 4 Bar Rollaharrow 55 Tines	15800#	19' 10"	\$60,582.00
	20' 4 Bar Rollaharrow 59 Tines	17200#	21' 10"	\$63,917.00

These prices are for rigid model Rollaharrows designed for bundling components as container ready packages, ready for reassembly upon arrival. Frames are split side to side with front and rear halves to be bolted and welded back together to constitute a solid, rigid frame. Prices include stands and dollies for containerization.

All prices are FOB Parma, ID. USA and **DO NOT INCLUDE:** Dunnage, Tie-Down/Anchoring, Freight or Container Costs



Parma Rollaharrow

Effective:

Folding Export Models
Four Tine Bar

April 1, 2020

Standard Equipment

Heavy Duty S-Tines - Standard Clearance
- 4" Centers

Adjustable Tine Bed

Six IF 280/70R15 Radial Tires, 24-30'

Category 3 Ring Hitch Std

3/8" Heavy Duty Tongue - 1-1/4" Pull Pins

Transport Locks on Lift Cylinders

2700 PSI Required for Folding 26', 28' & 30'

Saf-T-Chain

Boltable/Weldable Split Frame for Containerizing
(Split for Front and Rear Halves on center,
LH & RH Halves on Wings)

Screw Jack for Tongue

All Cylinders, Hoses, Ends to Tractor

Reversible 1" Chisel Points

Hyd Controlled Smoothing Bar with Depth Indicator

Warning Light Kit Standard

2-3/16" All Shafts & Domestic Bearings

1' Extended Rear Roller

3 Hinge Points (Wings) w/Adjuster Wrench

2-3/16" All Shafts & Hvy Duty Dbl Roller Bearings

12-14-20 Ductile Rings Front and Rear

Loading Dollies and Stands

Order Number	Description	Approx Wt.	Towing Width	List Price
	24' 4 Bar Rollaharrow 73 Tines	20200#	14'	\$89,588.00
	26' 4 Bar Rollaharrow 79 Tines	21750#	14'	\$90,760.00
	28' 4 Bar Rollaharrow 85 Tines	23900#	16'	\$91,920.00
	30' 4 Bar Rollaharrow 91 Tines	25500#	16'	\$93,005.00

These prices are for folding model Rollaharrows designed for bundling components as container ready packages, ready for reassembly upon arrival. The center frame is split side to side for front and rear halves, and the wings are split front to back for left and right halves, to be bolted and welded back together to constitute a solid, rigid frame. Prices include stands and dollies for containerization.

Note: 187bar or 2700 PSI Required to Fold - Clean

All prices are FOB Parma, ID. USA and **DO NOT INCLUDE:** Dunnage, Tie-Down/Anchoring, Freight or Container Costs



Hi Speed Disc

14' - 15' - 16' - 17' Rigid

Standard Equipment

Heavy Duty Frame, 1000# per Foot
 24" Notched Discs Independent Mounted
 10" Disc Space 5" Overall
 40mm Maintenance Free Bearings
 Cushioned Disc Mounts - 8" Travel
 4 Remotes for Precise Control

Floatation Tongue w/Lock Out
 4-Transport Wheels
 2-Floatation Gauge Wheels
 Cat 3 Ring Hitch
 (Cat 4 or Larger Optional)
 2 3/16 Shafts & Brgs on Rear Roller Options

Order Number	Description	Approx. Wt.	List Price
3526300	Model 210-14 14' Disc		\$ 53,324.00
3523655	14' 14-20" Std Ring Rear Roller		\$ 6,751.00
	14' 20" Split Pipe Rear Roller		\$ 5,336.00
3526310	14' 20" Crowfoot Rear Roller		\$ 10,210.00
	14' 20" Split Chevron Rear Roller		\$ 4,893.00
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3526284	Model 225-15 15' Disc		\$ 57,087.00
3523658	15' 14-20" Std Ring Rear Roller		\$ 7,112.00
	15' 20" Split Pipe Rear Roller		\$ 5,390.00
	15' 20" Crowfoot Rear Roller		\$ 11,466.00
	15' 20" Split Chevron Rear Roller		\$ 4,945.00
<hr/>			
Model 240-16 16' Disc			\$ 60,844.00
3523661	16' 14-20" Std Ring Rear Roller		\$ 7,477.00
	16' 20" Split Pipe Rear Roller		\$ 5,824.00
	16' 20" Crowfoot Rear Roller		\$ 11,930.00
	16' 20" Split Chevron Rear Roller		\$ 5,380.00
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Model 255-17 17' Disc			\$ 64,595.00
3523664	17' 14-20" Std Ring Rear Roller		\$ 7,779.00
	17' 20" Split Pipe Rear Roller		\$ 6,183.00
	17' 20" Crowfoot Rear Roller		\$ 12,274.00
	17' 20" Split Chevron Rear Roller		\$ 5,727.00

Recommend:
 Speed: 9-12 MPH
 Depth: 3 1/2" - 8"
 Horsepower: 20 Per Foot

526386	Rolling Deflector Assy	\$	357.00
526388	Rolling Deflector Assy w/Mount & Hardware	\$	456.00
267836	3 1/2" x 8" Cylinder w/Hardened Clevis	\$	256.00
998403	4" x 8' 1 1/2" Ram	\$	331.00
526412	Hardened Clevis	\$	59.00



Hi Speed Disc

18' - 19' - 20' - 21'

Standard Equipment

Heavy Duty Frame, 1000# per Foot
 24" Notched Discs Independent Mounted
 10" Disc Space 5" Overall
 40mm Maintenance Free Bearings
 Cushioned Disc Mounts - 8" Travel
 4 Remotes for Precise Control

Floation Tongue w/Lock Out
 4-Transport Wheels
 2-Floation Gauge Wheels
 Cat 3 Ring Hitch
 (Cat 4 or Larger Optional)
 2 3/16 Shafts & Brgs on Rear Roller Options

Order Number	Description	Approx. Wt.	List Price
Model 270-18 18' Disc			\$ 68,340.00
3523667	18' 14-20" Std Ring Rear Roller		\$ 8,141.00
	18' 20" Split Pipe Rear Roller		\$ 6,547.00
	18' 20" Crowfoot Rear Roller		\$ 12,740.00
	18' 20" Split Chevron Rear Roller		\$ 6,103.00
Model 285-19 19' Disc			\$ 72,078.00
	19' 14-20" Std Ring Rear Roller		\$ 6,944.00
	19' 20" Split Pipe Rear Roller		\$ 6,736.00
	19' 20" Crowfoot Rear Roller		\$ 13,448.00
	19' 20" Split Chevron Rear Roller		\$ 6,287.00
Model 300-20 20' Disc			\$ 75,809.00
3523673	20' 14-20" Std Ring Rear Roller		\$ 8,866.00
	20' 20" Split Pipe Rear Roller		\$ 6,859.00
	20' 20" Crowfoot Rear Roller		\$ 13,454.00
	20' 20" Split Chevron Rear Roller		\$ 6,413.00
Model 315-21 21' Disc			\$ 79,537.00
3523676	21' 14-20" Std Ring Rear Roller		\$ 9,169.00
	21' 20" Split Pipe Rear Roller		\$ 7,027.00
	21' 20" Crowfoot Rear Roller		\$ 14,221.00
	21' 20" Split Chevron Rear Roller		\$ 6,579.00

Recommend:
 Speed: 9-12 MPH
 Depth: 3 1/2" - 8"
 Horsepower: 20 Per Foot



Hi Speed Disc

23' - 25' - 27' - 29' Folding

Standard Equipment

Heavy Duty Frame, 1000# per Foot
 24" Notched Discs Independent Mounted
 10" Disc Space 5" Overall
 40mm Maintenance Free Bearings
 Cushioned Disc Mounts - 8" Travel
 4 Remotes for Precise Control

Floatation Tongue w/Lock Out
 4-Transport Wheels
 2-Floatation Gauge Wheels
 Cat 3 Ring Hitch
 (Cat 4 or Larger Optional)
 2 3/16 Shafts & Brgs on Rear Roller Options

Order Number	Description	Frame	List Price
Model 345-23 23' Disc			
	23' 14-20" Std Ring Rear Roller	12' Center 5 1/2' Wings	\$ 106,923.00
	23' 20" HD Pipe Roller		\$ 13,392.00
	23' 20" Crowfoot Rear Roller		\$ 10,910.00
			\$ 18,706.00
Model 375-25 25' Disc			
	25' 14-20" Std Ring Rear Roller	12' Center 6 1/2' Wings	\$ 114,458.00
	25' 20" HD Pipe Roller		\$ 14,090.00
	25' 20" Crowfoot Rear Roller		\$ 11,099.00
			\$ 20,027.00
Model 405-27 27' Disc			
	27' 14-20" Std Ring Rear Roller	12' Center 7 1/2' Wings	\$ 121,979.00
	27' 20" HD Pipe Roller		\$ 14,818.00
	27' 20" Crowfoot Rear Roller		\$ 12,119.00
			\$ 20,887.00
Model 435-29 29' Disc			
	29' 14-20" Std Ring Rear Roller	14' Center 7 1/2' Wings	\$ 129,505.00
	29' 20" HD Pipe Roller		\$ 15,603.00
	29' 20" Crowfoot Rear Roller		\$ 12,163.00
			\$ 23,198.00

Recommend:
 Speed: 9-12 MPH
 Depth: 3 1/2" - 8"
 Horsepower: 20 Per Foot



Hi Speed Disc

31' - 33' - 35' - 37' Folding

Standard Equipment

Heavy Duty Frame, 1000# per Foot
 24" Notched Discs Independent Mounted
 10" Disc Space 5" Overall
 40mm Maintenance Free Bearings
 Cushioned Disc Mounts - 8" Travel
 4 Remotes for Precise Control

Floataion Tongue w/Lock Out
 4-Transport Wheels
 2-Floataion Gauge Wheels
 Cat 3 Ring Hitch
 (Cat 4 or Larger Optional)
 2 3/16 Shafts & Brgs on Rear Roller Options

Order Number	Description	Frame	List Price
Model 465-31 31' Disc			
	31' 14-20" Std Ring Rear Roller	14' Center 8 1/2' Wings	\$ 137,027.00
	31' 20" HD Pipe Roller		\$ 16,211.00
	31' 20" Crowfoot Rear Roller		\$ 12,605.00
			\$ 23,671.00
Model 495-33 33' Disc			
	33' 14-20" Std Ring Rear Roller	16' Center 8 1/2' Wings	\$ 144,534.00
	33' 20" HD Pipe Roller		\$ 16,928.00
	33' 20" Crowfoot Rear Roller		\$ 13,104.00
			\$ 24,739.00
Model 525-35 35' Disc			
	35' 14-20" Std Ring Rear Roller	16' Center 9 1/2' Wings	\$ 152,904.00
	35' 20" HD Pipe Roller		\$ 17,721.00
	35' 20" Crowfoot Rear Roller		\$ 13,642.00
			\$ 27,402.00
Model 555-37 37' Disc			
	37' 14-20" Std Ring Rear Roller	18' Center 9 1/2' Wings	\$ 160,405.00
	37' 20" HD Pipe Roller		\$ 18,385.00
	37' 20" Crowfoot Rear Roller		\$ 15,289.00
			\$ 28,211.00

Recommend:
 Speed: 9-12 MPH
 Depth: 3 1/2" - 8"
 Horsepower: 20 Per Foot



Hi Speed Disc

39' - 41' Folding

Standard Equipment

Heavy Duty Frame, 1000# per Foot
 24" Notched Discs Independent Mounted
 10" Disc Space 5" Overall
 40mm Maintenance Free Bearings
 Cushioned Disc Mounts - 8" Travel
 4 Remotes for Precise Control

Floatation Tongue w/Lock Out
 4-Transport Wheels
 2-Floatation Gauge Wheels
 Cat 3 Ring Hitch
 (Cat 4 or Larger Optional)
 2 3/16 Shafts & Brgs on Rear Roller Options

Order Number	Description	Frame	List Price
Model 585-39 39' Disc			\$ 167,844.00
	39' 14-20" Std Ring Rear Roller	20' Center 9 1/2' Wings	\$ 19,110.00
	39' 20" HD Pipe Roller		\$ 16,379.00
	39' 20" Crowfoot Rear Roller		\$ 29,590.00
Model 615-41 41' Disc			\$ 175,315.00
	41' 14-20" Std Ring Rear Roller		\$ 19,772.00
	41' 20" HD Pipe Roller		\$ 16,536.00
	41' 20" Crowfoot Rear Roller		\$ 29,874.00

Recommend:

Speed: 9-12 MPH
 Depth: 3 1/2" - 8"
 Horsepower: 20 Per Foot



Parma Packer

5', 6', 7', 8', 9', and 10' Packer

Effective:

April 1, 2020

Order Number	Description	Approx. Wt.	List Price
5', 6' and 7' Units			
Order <u>One</u> Frame and <u>One</u> Roller for a Complete Unit (Order transport system from Option section below)			
Packer Frame			
3524132	No. 6 Pull Type Packer Frame (for 5', 6', and 7' units)		\$1,820.00
5' Roller Assembly			
3523442	5' Roller with 10-12-17 Standard Rings	1110#	\$2,949.00
3523619	5' Roller with 12-14-20 Standard Rings	1385#	\$3,570.00
	5' 6" Roller with 12-14-20 Standard Rings	1523#	\$3,714.00
3523712	5' Roller with 14-16-22 Standard Rings	1475#	\$3,989.00
	5' Pipe Roller 22"		\$2,951.00
6' Roller Assembly			
3523448	6' Roller with 10-12-17 Standard Rings	1332#	\$3,163.00
3523622	6' Roller with 12-14-20 Standard Rings	1662#	\$3,855.00
3523715	6' Roller with 14-16-22 Standard Rings	1770#	\$4,381.00
3524714	6' 6" Pipe Roller 22"		\$3,433.00
	6' Pipe Roller 22"		\$3,242.00
7' Roller Assembly			
3523460	7' Roller with 10-12-17 Standard Rings	1554#	\$3,422.00
3523628	7' Roller with 12-14-20 Standard Rings	1935#	\$4,215.00
3523721	7' Roller with 14-16-22 Standard Rings	2065#	\$4,847.00
	7' Pipe Roller 22"		\$3,669.00
8', 9' and 10' Units			
Order <u>One</u> Frame and <u>One</u> Roller for a Complete Unit (Order transport system from Option section below)			
Packer Frame			
3524133	No. 9 Pull Type Packer Frame (for 8', 9', and 10' units)		\$1,933.00
8' Roller Assembly			
3523472	8' Roller with 10-12-17 Standard Rings	1775#	\$3,679.00
3523634	8' Roller with 12-14-20 Standard Rings	2216#	\$4,579.00
3523727	8' Roller with 14-16-22 Standard Rings	2350#	\$5,318.00
523635	8' Roller with 12-14-20 Ductile Rings		\$5,116.00
3524715	8' Pipe Roller 22"		\$4,133.00
9' Roller Assembly			
3523484	9' Roller with 10-12-17 Standard Rings	1995#	\$3,937.00
3523640	9' Roller with 12-14-20 Standard Rings	2261#	\$4,942.00
3523733	9' Roller with 14-16-22 Standard Rings	2395#	\$5,788.00
	9' Pipe Roller 22"		\$4,284.00
526407	9' Pipe Roller 22" HD		\$4,367.00
10' Roller Assembly			
3523490	10' Roller with 10-12-17 Standard Rings	2220#	\$4,188.00
3523643	10' Roller with 12-14-20 Standard Rings	2770#	\$5,301.00
3523736	10' Roller with 14-16-22 Standard Rings	2950#	\$6,255.00
	10' Pipe Roller 22"		\$4,721.00
Options			
3521152	Squadron Hitch		\$1,037.00
3524899	Hvy Duty Transport with 2-15" Tires (Pivoting Axle & Overhead Brace)		\$4,823.00
	No. 10 Pull Frame & Transport Mini		\$9,172.00



Parma Packer

Effective:

11', 12', and 13' Packer

April 1, 2020

All Shafts & Double Roller Bearings - 2-3/16"

Order Number	Description	Approx. Wt.	List Price
11', 12' and 13' Units			
Order <u>One Frame</u> and <u>One Roller</u> for a Complete Unit (Order transport system from Option section below)			
Packer Frame			
3524134	No. 12 Pull Type Packer Frame (for 11', 12' and 13' units)		\$2,000.00
11' Roller Assembly			
3523496	11' Roller with 10-12-17 Standard Rings	2442#	\$4,403.00
3523497	11' Roller with 10-12-17 Ductile Iron Rings		\$4,771.00
3523646	11' Roller with 12-14-20 Standard Rings	3047#	\$5,602.00
3523647	11' Roller with 12-14-20 Ductile Iron Rings		\$6,147.00
3523739	11' Roller with 14-16-22 Standard Rings	3245#	\$6,480.00
3523740	11' Roller with 14-16-22 Ductile Iron Rings		\$7,126.00
	11' Pipe Roller 22"		\$4,794.00
12' Roller Assembly			
3523502	12' Roller with 10-12-17 Standard Rings	2664#	\$4,611.00
3523503	12' Roller with 10-12-17 Ductile Iron Rings		\$5,013.00
3523649	12' Roller with 12-14-20 Standard Rings	3324#	\$5,965.00
3523650	12' Roller with 12-14-20 Ductile Iron Rings		\$6,563.00
3523742	12' Roller with 14-16-22 Standard Rings	3540#	\$7,126.00
3523743	12' Roller with 14-16-22 Ductile Iron Rings		\$7,833.00
3524716	12' Pipe Roller 22"		\$4,970.00
13' Roller Assembly			
3523508	13' Roller with 10-12-17 Standard Rings	2886#	\$4,902.00
3523509	13' Roller with 10-12-17 Ductile Iron Rings		\$5,352.00
3523652	13' Roller with 12-14-20 Standard Rings	3601#	\$6,388.00
3523653	13' Roller with 12-14-20 Ductile Iron Rings		\$7,133.00
3523745	13' Roller with 14-16-22 Standard Rings	3835#	\$7,595.00
3523746	13' Roller with 14-16-22 Ductile Iron Rings		\$8,364.00
3524717	13' Pipe Roller 22"		\$5,349.00
Options			
3521152	Squadron Hitch		\$1,037.00
3522501	# 12 Hvy Duty Transport w/ 2 - 15" Tires, Cylinder and Hoses (11' to 13')		\$5,645.00
3521565	Hub, Wheel and Tire Assembly for Addition to Transport (One)		\$411.00
No. 11 Pull Frame & Transport Mini			\$9,434.00
No. 12 Pull Frame & Transport Mini			\$9,694.00
No. 13 Pull Frame & Transport Mini			\$9,955.00



Parma Packer

Effective:

14', 15', and 16' Packer

April 1, 2020

All Shafts and Double Roller Bearings - 2-3/16"

Order Number	Description	List Price
Order <u>One</u> Frame and <u>One</u> Roller for a Complete Unit (Order transport system from Option section below)		
Packer Frame		
3524135	No. 15 Pull Type Packer Frame (for 14' and 15' units)	\$2,092.00
3524387	No. 15 Gooseneck Hitch Packer Frame (for 14', 15', and 16' units)	\$9,597.00
	No. 14 Mini Pull Frame & Transport	\$10,212.00
14' Roller Assembly		
3523514	14' Roller with 10-12-17 Standard Rings w/Pull Frame 6100#	\$5,214.00
3523515	14' Roller with 10-12-17 Ductile Iron Rings	\$5,696.00
3523655	14' Roller with 12-14-20 Standard Rings w/Pull Frame 6800#	\$6,751.00
3523656	14' Roller with 12-14-20 Ductile Iron Rings	\$7,464.00
3523748	14' Roller with 14-16-22 Standard Rings	\$8,064.00
3523749	14' Roller with 14-16-22 Ductile Iron Rings	\$8,899.00
3524718	14' Pipe Roller 22"	\$5,730.00
Packer Frame		
	No. 15 Mini Pull Frame & Transport	\$10,435.00
15' Roller Assembly		
3523520	15' Roller with 10-12-17 Standard Rings	\$5,470.00
3523521	15' Roller with 10-12-17 Ductile Iron Rings	\$5,987.00
3523658	15' Roller with 12-14-20 Standard Rings	\$7,112.00
3523659	15' Roller with 12-14-20 Ductile Iron Rings	\$7,879.00
3523751	15' Roller with 14-16-22 Standard Rings	\$8,534.00
3523752	15' Roller with 14-16-22 Ductile Iron Rings	\$9,433.00
3524719	15' Pipe Roller 22"	\$5,992.00
Packer Frame		
3525873	No. 16 Mini Pull Frame and Transport	\$10,740.00
16' Roller Assembly		
3523526	16' Roller with 10-12-17 Standard Rings	\$5,727.00
3523527	16' Roller with 10-12-17 Ductile Iron Rings	\$6,277.00
3523661	16' Roller with 12-14-20 Standard Rings	\$7,477.00
3523662	16' Roller with 12-14-20 Ductile Iron Rings	\$8,294.00
3523754	16' Roller with 14-16-22 Standard Rings	\$9,005.00
3523755	16' Roller with 14-16-22 Ductile Iron Rings	\$9,966.00
3524720	16' Pipe Roller 22"	\$6,488.00
Options		
3521152	Squadron Hitch	\$1,037.00
3524814	#15 Hvy Duty Transport-Pull Type w/4 15" Tires, Cyl & Hoses (14' to 16')	\$7,935.00
3524871	#15 Hvy Duty Transport-Gooseneck w/4 15" Tires, Cyl & Hoses	\$7,651.00
3524681	Crank Jack for Gooseneck Hitch	\$637.00
3524392	Assemble for Towaway (Transport and Hitch)	\$395.00
521683	4' Std Tongue 1/4" Wall (up to 12' of Tool)	\$369.00
521683.6	6' Extended tongue 3/8" Wall (Up to 16' of Tool)	\$411.00
521683SP	9' Extended Tongue 3/8" Wall (Up to 20' of Tool)	\$455.00



Parma Packer
Standard Equipment
 17', 18', and 19' Packer

Effective:
 April 1, 2020

- | | |
|-----------------------------------|--------------------------------|
| 4x4 Frame Construction | 2 3/16" Shafts and Bearings |
| 4-Radial Transport Wheels & Tires | Double Roller Bearings |
| Hi-Clearance Transport | 2-Hydraulic Cyl & Hoses w/Tips |
| Gooseneck Hitch 2 5/8" Ball | Pull Hitch H.D. Ring |

Order Number	Description	List Price
Packer Frame		
Transportation Width		
3525366	No. 17 Pull-Type Packer Frame & Transport Mini 18' Wide	\$11,001.00
526474	17' Packer Frame Assy Mid Gooseneck 160", 2 5/16" Receiver	\$12,502.00
3525951	No. 17 Gooseneck Pack Frame & Transport 18' Wide	\$13,398.00
17' Roller Assembly		
3523532	17' Roller with 10-12-17 Standard Rings	\$5,941.00
3523533	17' Roller with 10-12-17 Ductile Iron Rings	\$6,522.00
3523664	17' Roller with 12-14-20 Standard Rings	\$7,779.00
3523665	17' Roller with 12-14-20 Ductile Iron Rings	\$8,638.00
3523757	17' Roller with 14-16-22 Standard Rings	\$9,403.00
3523758	17' Roller with 14-16-22 Ductile Iron Rings	\$10,415.00
3524721	17" Pipe Roller 22"	\$6,856.00
3525547	No. 18 Pull-Type Packer Frame & Transport Mini 19' Wide	\$11,319.00
526475	18' Packer Frame Assy Mid Gooseneck 160", 2 5/16" Receiver	\$12,874.00
3525951	No. 18 Gooseneck Pack Frame & Transport 19' Wide	\$13,398.00
18' Roller Assembly		
3523538	18' Roller with 10-12-17 Standard Rings	\$6,197.00
3523539	18' Roller with 10-12-17 Ductile Iron Rings	\$6,813.00
3523667	18' Roller with 12-14-20 Standard Rings	\$8,141.00
3523668	18' Roller with 12-14-20 Ductile Iron Rings	\$9,052.00
3523760	18' Roller with 14-16-22 Standard Rings	\$9,864.00
3523761	18' Roller with 14-16-22 Ductile Iron Rings	\$10,948.00
3524722	18" Pipe Roller 22"	\$7,273.00
3525236	No. 19 Pull-Type Packer Frame & Transport Mini 20' Wide	\$11,638.00
526476	19' Packer Frame Assy Mid Gooseneck 160", 2 5/16" Receiver	\$13,243.00
3525951	No. 19 Gooseneck Pack Frame & Transport 20' Wide	\$13,398.00
19' Roller Assembly		
3523544	19' Roller with 10-12-17 Standard Rings	\$6,453.00
3523545	19' Roller with 10-12-17 Ductile Iron Rings	\$7,105.00
3523670	19' Roller with 12-14-20 Standard Rings	\$8,504.00
3523671	19' Roller with 12-14-20 Ductile Iron Rings	\$9,467.00
3523763	19' Roller with 14-16-22 Standard Rings	\$10,343.00
3523764	19' Roller with 14-16-22 Ductile Iron Rings	\$11,481.00
3524723	19" Pipe Roller 22"	\$7,671.00
Options		
3524136	No. 18 Pull Frame (Old Style) 20', 21', & 22' Units	\$2,154.00
3524681	Jack Stand	\$637.00
3524392	Assemble for Towaway (Transport and Hitch)	\$395.00
525380	Extension (60" Bolt On) Pull Tongue	\$601.00
525601	Hitch Weldment 2 5/16" Receiver	\$179.00
525660	Hitch Weldment Reversible 2 5/16" Receiver & Clevis	\$316.00

Note: Pull-Type Mini Uses Ring Hitch & Fixed Struts
 Note: Mid Gooseneck & Frame Uses Fixed Struts



Parma Packer

Effective:

Standard Equipment
20', 21', and 22' Packer

April 1, 2020

4x4 Frame Construction	2 3/16" Shafts and Bearings
4-Radial Transport Wheels & Tires	Domestic Bearing
Hi-Clearance Transport	2-Hydraulic Cyl & Hoses w/Tips
Gooseneck Hitch 2 5/8" Ball	Pull Hitch H.D. Ring w/Jack Stand

Order Number	Description	List Price
Packer Frame		
Transportation Width		
3525234	No. 20 Pull Type Packer Frame & Transport (Mini G.N.) 21' Wide	\$11,896.00
526477	20' Packer Assy Mid Gooseneck 160", 2 5/16" Receiver	\$13,528.00
3525653	No. 20 Gooseneck Hitch Packer Frame & Transport 21' Wide	\$13,905.00
20' Roller Assembly		
3523550	20' Roller with 10-12-17 Standard Rings	\$6,709.00
3523551	20' Roller with 10-12-17 Ductile Iron Rings	\$7,402.00
3523673	20' Roller with 12-14-20 Standard Rings	\$8,866.00
3523674	20' Roller with 12-14-20 Ductile Iron Rings	\$9,884.00
3523766	20' Roller with 14-16-22 Standard Rings	\$10,813.00
3523767	20' Roller with 14-16-22 Ductile Iron Rings	\$12,015.00
3524724	20' Pipe Roller 22"	\$8,000.00
3525238	No. 21 Pull Type Packer Frame & Transport (Mini G.N.) 22' Wide Ext.	\$12,271.00
526478	21' Packer Assy Mid Gooseneck 160", 2 5/16" Receiver	\$13,692.00
	No. 21 Gooseneck Hitch Packer Frame & Transport 22' Wide	\$14,033.00
21' Roller Assembly		
3523556	21' Roller with 10-12-17 Standard Rings	\$6,902.00
3523557	21' Roller with 10-12-17 Ductile Iron Rings	\$7,641.00
3523676	21' Roller with 12-14-20 Standard Rings	\$9,169.00
3523677	21' Roller with 12-14-20 Ductile Iron Rings	\$10,227.00
3523769	21' Roller with 14-16-22 Standard Rings	\$11,213.00
3523770	21' Roller with 14-16-22 Ductile Iron Rings	\$12,464.00
3524725	21' Pipe Roller 22"	\$8,387.00
3525244	No. 22 Pull Type Packer Frame & Transport (Mini G.N.) 23' Wide	\$12,595.00
526479	22' Packer Assy Mid Gooseneck 160", 2 5/16" Receiver	\$13,754.00
	No. 22 Gooseneck Hitch Packer Frame & Transport 23' Wide	\$14,350.00
22' Roller Assembly		
3523562	22' Roller with 10-12-17 Standard Rings	\$7,182.00
3523563	22' Roller with 10-12-17 Ductile Iron Rings	\$7,932.00
3523679	22' Roller with 12-14-20 Standard Rings	\$9,533.00
3523680	22' Roller with 12-14-20 Ductile Iron Rings	\$10,642.00
3523772	22' Roller with 14-16-22 Standard Rings	\$12,473.00
3523773	22' Roller with 14-16-22 Ductile Iron Rings	\$13,789.00
	No. 23 Pull Type Packer Frame & Transport (Mini G.N.) 24' Wide	\$13,186.00
526480	23' Packer Assy Mid Gooseneck 160", 2 5/16" Receiver	\$14,307.00
23' Roller Assembly		
	23' Roller with 14-16-22 Standard Rings	\$13,040.00
3526313	No. 24 Gooseneck Frame & Transport Inverted Mount Mini	\$15,318.00
24' Roller Assembly		
3523685	24' Roller with 12-14-20 Standard Rings	\$10,707.00
Options		
3524137	No. 21 Pull Frame (Old Style) 20', 21', & 22' Units	\$2,361.00
3522504	No. 21 H.D. Transport (Old Style) 20', 21' & 22' Units	\$8,597.00
3524681	Jack Stand in Base	\$637.00
3524392	Assemble for Towaway (Transport and Hitch)	\$395.00
525219	Mini Gooseneck Pull Tongue w/Ring Hitch Extended	\$5,006.00
525380	Extension (60" Bolt On) Pull Tongue	\$601.00

Note: Mid Gooseneck & Frame & Transport Assy Use Fixed Struts



Parma Folding Packer

Effective:

Folding Packer on Transport

April 1, 2020

In Line Rollers	22' Transport w/ 4-IF 280/70R15 Radial Tires
Tail Rollers at Hinges	24'-30' Transport w/ 6-IF 280/70R15 Radial Tires
All Cylinders Hoses and Tips	2 3/16" Shafts and Double Roller Bearings

Order Number	Description	List Price
Order <u>One Hitch</u> and <u>One Frame Asm.</u> for a Complete Unit		
Hitch		
3525332	12' Mini Gooseneck Hitch w/Stand Folding Thru 30'	\$5,802.00
526482	160" Mid Gooseneck Tongue Assy w/2 5/16" Receiver & Jack (Fixed Struts)	\$7,827.00
3525954	Gooseneck Hitch for 21' & 22' Folding Packer, 2 5/16" (Pivot Axle)	\$12,495.00
3525178	Gooseneck Hitch with Stand Lg Fold InLine, 3", (Pivot Axle)	\$16,432.00
3525177	Pull Type Hitch with Jack Stand (RH Style) 8" (Pivot Axle)	\$5,139.00
3525218	Extended 12' Pull Type Hitch w/Jack Stand (RH Style) (Pivot Axle)	\$5,597.00
521104	Cat III Hitch Ring	\$189.00
525601	2 5/16" Receiver w/Tube	\$179.00
524226	2 5/16" Receiver w/Tube (From Vendor)	\$318.40
525660	2 5/16" Receiver & Clevis Convertible	\$316.00
	3" Receiver w/Tube	\$207.00
3525955	21' Packer with 12-14-20 Standard Rings	\$25,699.00
22' Folding Packer - 10' Center with 5' Wings		
	22' Packer with 12-14-20 Standard Rings	\$27,757.00
	22' Packer with 12-14-20 Ductile Iron Rings	\$28,680.00
	22' Packer with 14-16-22 Standard Rings	\$30,040.00
	22' Packer with 14-16-22 Ductile Iron Rings	\$30,573.00
	22' Packer with 22" Pipe Rollers	\$26,796.00
24' Folding Packer - 12' Center with 5' Wings		
	24' Packer with 12-14-20 Standard Rings	\$30,587.00
	24' Packer with 12-14-20 Ductile Iron Rings	\$31,461.00
3525171	24' Packer with 14-16-22 Standard Rings	\$32,816.00
	24' Packer with 14-16-22 Ductile Iron Rings	\$33,346.00
	24' Packer with 22" Pipe Rollers	\$28,677.00
26' Folding Packer - 12' Center with 6' Wings		
3525310	26' Packer with 12-14-20 Standard Rings	\$34,014.00
3525711	26' Packer with 12-14-20 Ductile Rings	\$35,276.00
	26' Packer with 14-16-22 Standard Rings	\$35,534.00
	26' Packer with 14-16-22 Ductile Rings	\$36,133.00
	26' Packer with 22" Pipe Rollers	\$29,994.00
28' Folding Packer - 14' Center with 6' Wings		
	28' Packer with 12-14-20 Standard Rings	18350# \$35,612.00
3526354	28' Packer with 12-14-20 Ductile Rings	\$37,119.00
	28' Packer with 14-16-22 Standard Rings	18560# \$39,369.00
	28' Packer with 14-16-22 Ductile Rings	19500# \$39,609.00
	28' Packer with 20" Pipe Roller	\$31,890.00
3525896	28' Packer with 22" HD Pipe Roller (Split Center)	\$34,507.00
	28' Packer with 20" Crowfoot Roller	\$47,619.00
30' Folding Packer - 14' Center with 7' Wings		
3525736	30' Packer with 12-14-20 Standard Rings	18950# \$38,906.00
3525756	30' Packer with 12-14-20 Ductile Iron Rings	12400# \$39,603.00
3525536	30' Packer with 14-16-22 Standard Rings	\$42,226.00
3525755	30' Packer with 14-16-22 Ductile Iron Rings	13950# \$42,483.00
	30' Packer with 20" Pipe Roller	\$34,169.00
	30' Packer with 22" HD Pipe Roller (Split Center)	\$36,976.00
	30' Packer with 20" Crowfoot Roller	\$52,338.00



Parma Folding Packer

Folding Packer on Transport

Page: PKR-07

Effective:

April 1, 2020

In Line Rollers	22' Transport w/ 4-IF 280/70R15 Radial Tires
Tail Rollers at Hinges	24'-30' Transport w/ 6-IF 280/70R15 Radial Tires
All Cylinders Hoses and Tips	2 3/16" Shafts and Double Roller Bearings

Order Number	Description	List Price
32' Folding Packer - 14' Center with 8' Wings		
	32' Packer with 12-14-20 Standard Rings	\$41,519.00
	32' Packer with 12-14-20 Ductile Iron Rings	\$42,261.00
3525507	32' Packer with 14-16-22 Standard Rings	\$45,060.00
	32' Packer with 14-16-22 Ductile Iron Rings	\$45,334.00
	32' Packer with 20" Pipe Roller	\$36,448.00
	32' Packer with 22" HD Pipe Roller (Split Center)	\$39,441.00
	32' Packer with 20" Crowfoot Roller	\$55,828.00
34' Folding Packer - 14' Center with 8' Wings		
	34' Packer with 12-14-20 Standard Rings	\$44,139.00
	34' Packer with 12-14-20 Ductile Iron Rings	\$44,928.00
3525793	34' Packer with 14-16-22 Standard Rings	\$48,084.00
	34' Packer with 14-16-22 Ductile Iron Rings	\$48,169.00
	34' Packer with 20" Pipe Roller	\$38,727.00
	34' Packer with 22" HD Pipe Roller (Split Center)	\$41,907.00
	34' Packer with 20" Crowfoot Roller	\$59,288.00
3526333	34' Packer with 14-16-22" Std Rings Offset Wings, Front Transport w/GN	\$74,065.00
36' Folding Packer - 14' Center with 8' Wings		
	36' Packer with 12-14-20 Standard Rings	\$46,765.00
	36' Packer with 12-14-20 Ductile Iron Rings	\$47,601.00
	36' Packer with 14-16-22 Standard Rings	\$50,697.00
	36' Packer with 14-16-22 Ductile Iron Rings	\$51,005.00
	36' Packer with 20" Pipe Roller	\$41,004.00
	36' Packer with 22" HD Pipe Roller (Split Center)	\$44,372.00
	36' Packer with 20" Crowfoot Roller	\$62,415.00
38' Folding Packer - 14' Center with 8' Wings		
	38' Packer with 12-14-20 Standard Rings	\$49,668.00
	38' Packer with 12-14-20 Ductile Iron Rings	\$50,551.00
	38' Packer with 14-16-22 Standard Rings	\$53,813.00
	38' Packer with 14-16-22 Ductile Iron Rings	\$54,137.00
	38' Packer with 20" Pipe Roller (Split Center)	\$43,283.00
	38' Packer with 22" HD Pipe Roller (Split Center)	\$46,838.00
	38' Packer with 20" Crowfoot Roller	\$66,295.00
39' Folding Packer - 14' Center with 8' Wings		
	39' Packer with 12-14-20 Standard Rings	\$50,942.00
	39' Packer with 12-14-20 Ductile Iron Rings	\$51,918.00
	39' Packer with 14-16-22 Standard Rings	\$55,274.00
	39' Packer with 14-16-22 Ductile Iron Rings	\$55,609.00
	39' Packer with 20" Pipe Roller (Split Center)	\$44,422.00
	39' Packer with 22" HD Pipe Roller (Split Center)	\$48,070.00
	39' Packer with 20" Crowfoot Roller	\$68,039.00
40' Folding Packer - 14' Center with 8' Wings		
	40' Packer with 12-14-20 Standard Rings	\$52,351.00
	40' Packer with 12-14-20 Ductile Iron Rings	\$53,297.00
	40' Packer with 14-16-22 Standard Rings	\$56,736.00
	40' Packer with 14-16-22 Ductile Iron Rings	\$57,079.00
	40' Packer with 20" Pipe Roller (Split Center)	\$45,560.00
	40' Packer with 22" HD Pipe Roller (Split Center)	\$49,302.00
	40' Packer with 20" Crowfoot Roller	\$69,783.00
	44' Packer with 14-16-20" Standard Rings 16' Centers with 13' Wings	\$62,525.00
	45' Packer with 14-16-20" Standard Rings 16' Centers with 13' 6' Wings	\$63,504.00



Parma Close Coupled Double Roll Packer

20', 22', 24', 26', 27', 28', 29'

Effective:
April 1, 2020

Pipe Front & Std. Ring Rear	All Cylinders & Hoses w/Tips
Extended Mini Gooseneck Tongue (525332)	2 3/16" Shafts & Double Roller Brgs
Screw Jack for Tongue	15'-22' w/ 4-IF 280/70R15 Radial Tires
Jack Stand	24'-36' w/ 6-IF 280/70R15 Radial Tires

Order Number	Description	List Price
15' Rigid Packer Close Coupled		
3525582	15' Packer with 20" Crowfoot Front & 12-14-20 Ductile Rear	\$31,754.00
16' Rigid Packer Close Coupled		
	16' Packer with 20" Ring Front & 12-14-20" Ring Rear Std	\$32,562.00
	16' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$29,985.00
17' Rigid Packer Close Coupled		
3525767	17' Packer with 20" Ring Front & 12-14-20" Ring Rear Std	\$34,553.00
20' Rigid Packer Close Coupled		
3525209	20' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$33,576.00
	20' Packer with 20" Crowfoot Front & 12-14-20 Ductile Rear	\$37,557.00
3526366	20' Packer with 22" Pipe Front & 22" Std Ring Rear	\$37,758.00
3526367	20' Packer with 22" Pipe Front & 22" Ductile Ring Rear	\$39,073.00
20' Folding Packer Close Coupled		
	20' Packer with 20" Crowfoot Front & Rear	\$39,880.00
22' Folding Packer Close Coupled		
	22' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$37,612.00
	22' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$41,463.00
24' Folding Packer Close Coupled		
3525769	24' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$40,001.00
	24' Packer with 20" Crowfoot Front & 12-14-20 Ring Rear Std	\$46,539.00
	24' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$44,097.00
26' Folding Packer Close Coupled		
	26' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$42,348.00
3525330	26' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$46,543.00
27' Folding Packer Close Coupled		
	27' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$44,032.00
	27' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$47,120.00
28' Folding Packer Close Coupled		
	28' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$45,657.00
	28' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$48,864.00
29' Folding Packer Close Coupled		
	29' Packer with 20" Pipe Front & 12-14-20" Ring Rear Std	\$47,302.00
	29' Packer with 22" Pipe Front & 14-16-22" Ring Rear Std	\$50,378.00

Note: 2700 PSI Required to Fold Wings - Clean



Parma Close Coupled Double Roll Packer

30', 35', 36', 40'

Effective:
April 1, 2020

Pipe Front & Std. Ring Rear	All Cylinders & Hoses w/Tips
Extended Mini Gooseneck Tongue (525332)	2 3/16" Shafts & Double Roller Brgs
Screw Jack for Tongue	15'-22' w/ 4-IF 280/70R15 Radial Tires
Jack Stand	24'-36' w/ 6-IF 280/70R15 Radial Tires
	Tail Rollers on Folding

Order Number	Description	List Price
30' Folding Packer Close Coupled 14' Center 7' Wings		
	30' Packer with 20" Pipe Front & 12-14-20" Ring Rear	\$48,727.00
3525482	30' Packer with 22" Pipe Front & 14-16-22" Ring Rear	\$51,771.00
	30' Packer with 22" HD Pipe Split Center & 14-16-22: Std Ring Rear	\$52,821.00
35' Folding Packer Close Coupled 14' Center 9 1/2' Wings		
	35' Packer with 20" Crowfoot Front & Rear	\$68,339.00
36' Folding Close Coupled 14' Center 10' Wings		
	36' Packer with 20" Crowfoot Front & Rear	\$69,350.00
	36' Packer with 20" Crwofoot Front & 20" Ring Rear	\$59,132.00
38' Folding Packer Close Coupled 16' Center 10' Wings		
	38' Packer with 22" HD Pipe Split Center & 14-16-22 Ductile Rear	\$95,881.00
40' Folding Packer Close Coupled 16' Center 11' Wings		
	40' Packer with 22" HD Pipe Split Center & 14-16-22 Ductile Rear	\$98,783.00
Accessories		
3525325	Grain Drill Hitch w/Pintle Hook	\$2,078.00
525660	Reversible Hitch Weld	\$316.00

Note: 2700 PSI Required to Fold Wings - Clean



Parma Land Plane

Effective:

Series 5000

April 1, 2020

Standard Equipment

Cylinders & Hoses w/Tips
 Hydraulic Controlled Wheel Spacing
 Wing Lock-up on Folding Units
 IF 280/70R15 Radial Transport Tires

Reversible Points on S-Tine Attachment
 Floater Hitch w/Lock Down
 Quick Hitch Compatible
 Caster Wheel Brakes

Order Number	Description	List Price
Complete Unit		
3510893	Model 5112 Rigid Blade Land Plane - 12'	\$19,610.00
3510737	Model 5114 Rigid Blade Land Plane - 14'	\$19,613.00
3510708	Model 5116 Rigid Blade Land Plane - 16'	\$19,621.00
	Model 5118 Rigid Blade Lane Plane - 18'	\$20,402.00
3510710	Model 5120 Rigid Blade Land Plane - 20'	\$21,150.00
3510778	Model 5124 Rigid Blade Land Plane - 24'	\$21,806.00
3510709	Model 5220 Folding Blade Land Plane - 20' -8' Center -6' Wings	\$26,731.00
3510602	Model 5224 Folding Blade Land Plane - 24' -8' Center -8' Wings	\$27,599.00
3510812	Model 5226 Folding Blade Land Plane - 26' -8' Center -9' Wings	\$28,466.00
3510828	Model 5228 Folding Blade Land Plane - 28' -10' Ctr -9' Wings	\$33,613.00
3510825	Model 5230 Folding Blade Land Plane - 30' -10' Ctr -10' Wings	\$35,822.00
3510951	Model 5230 Folding Blade Land Plane - 30' -10' Ctr -10' Wings Cat IV	\$38,407.00
Optional Equipment		
S-Tine Attachments - Order to match Base Unit - 12" Tine Spacing		
3510745	S-tine attachment for Model 5114 - 14' Rigid	\$3,430.00
3510711	S-tine attachment for Model 5116 - 16' Rigid	\$3,454.00
3510712	S-tine attachment for Model 5120 - 20' Rigid	\$4,361.00
3510713	S-tine attachment for Model 5220 - 20' Folding	\$4,832.00
3510714	S-tine attachment for Model 5224 - 24' Folding	\$5,590.00
3510714SP	S-tine attachment for Model 5224 - 24' Folding (8" Tine Spacing)	\$5,791.00
3510813	S-tine attachments for Model 5226 - 26' Folding	\$6,271.00
3510829	S-tine attachments for Model 5228 - 28' Folding	\$6,732.00
3510826	S-tine attachments for Model 5230 - 30' Folding	\$7,238.00
3510826SP	S-tine attachments for Model 5230 - 30' Folding (8" Tine Spacing)	\$7,591.00
3510855	Dual Caster Wheel Assy, pair (in place of std) AT ASSEMBLY	\$1,818.00
3510866	Dual Caster Wheel Assy, pair (in place of std) (New After Market Exchange)	\$1,818.00
510856	Brake Assembly - Set After Market (Std on New Units)	\$1,345.00
510840	Dual Wheel Components - Pair After Market (Use Single Components)	\$3,847.00
510865	Single Caster Wheel Ea. Bottom Complete Fork & Wheel	\$1,720.00
510866	Dual Caster Wheel Ea. Bottom Complete Fork & Wheel	\$2,630.00
510874	Front Pivot Hitch	\$3,417.00
	Charge for Removing Wings (For Shipping)	\$315.00
Order Parts for Hydraulic Blade Control (JD I-Grade or Equivalent)		
510919	Cylinder 3" x 6' & Hose Kit Front Hitch	\$420.00
510920	Top Link (Pre - 2016 LandPlanes only)	\$210.00



Parma Land Plane

Shipping Dimensions

Effective:

April 1, 2020

Rigid 14', 16', 20', 24'

Load opposite field position
7' 10" Wide on Truck, Front Hitch, Trailing Arms & Center Tube Removed.
10' 8" Wide on Truck, Front Hitch and Trailing Wheel Arms Removed.
12' Wide on Truck with Front Hitch, Only Trailing Arms Removed.

38' of Deck with Trailing Arm Braces Unpinned and Arms Swung Right and Left.

Folding 20', 24', 26', 28', 30'

20' F Load Field Position
8' 4" High Fully Folded, Resting on Blade
13' 6" Wide Fully Folded 8' 10" Wide Wings Removed

24' F Load Field Position (Requires Step Deck Trailer)
10' 4" High Fully Folded, Resting on Blade 5500#
13' 6" Wide Fully Folded 8' 10" Wide Wings Removed

26' F Load same as Rigid (or Low Boy Trailer)
11' 4" High Fully Folded, Resting on Blade
13' 6" Wide Fully Folded 8' 10" Wide Wings Removed

28' F Load same as Rigid
11' 4" High Fully Folded, Resting on Blade
15' 6" Wide Fully Folded 10' 10" Wide Wings Removed

30' F Load same as Rigid
12' 4" High Fully Folded, Resting on Blade
15' 6" Wide Fully Folded 10' 10" Wide Wings Removed

All Models:
22' Front to Rear w/Wheels Swung Forward
14' 6" Blade to Tail Wheels
7' 6" Blade to Front of Floating Hitch
Wheels move forward 18" when fully expanded on 24'

Horsepower Requirement: 7 H.P. per foot of tool
Add 1/2 H.P. per foot of S-tine.

Bucket: 3/16" x 26" Deep
 30 3/4" Deep w/Blade



Effective:

April 1, 2020

Parma 3 Point Hitch

Front Mount

Includes 3 1/2 x 8" Cylinder and 2-16' Hoses w/Tips

Order Number	Description	Approx. Lift	List Price
3520039	Long Arm Basic Unit 23 1/2"	7500#	\$3,645.00
3520040	Short Arm Basic Unit 16"	11000#	\$3,503.00
	Long Arm Double Cylinder Unit 23 1/2"		\$4,360.00
John Deere Tractor Mounting Kit:			
3520075	3010-20, 4010-20		\$1,404.00
3520077	4030		\$1,404.00
3520078	4230-4430, 4240-4440		\$1,404.00
3520078	2840-2940		\$1,404.00
3520081	4050-4255		\$1,404.00
3520091	4655-4955, 4850		\$1,404.00
3520082	6400		\$1,404.00
3520128	6020-6420 & 6230		\$1,404.00
3520176	6105-6125 R Series		\$1,404.00
3520083	7200		\$1,404.00
3520084	7400		\$1,404.00
3520138	7020-7420, 7230-7430		\$1,404.00
3520085	7600, 7700, 7800		\$1,404.00
3520076	8000, 8010		\$1,741.00
3520149	8020 Series		\$2,022.00
3520096	8030 Series & 8R		\$2,022.00
3520155	7630-7830 Large Frame (76, 77, 78, 7920 & 76, 77, 78, 7930)		\$2,022.00
3520190	7R Series 7200R - 7280R		\$2,022.00
520184	886 IH		\$1,404.00
520088	1086 IH		\$1,404.00
3520086	5100-5140		\$1,404.00
3520087	5250		\$1,404.00
New Holland Tractor Mounts:			
	TV 145		\$2,022.00

For Other Tractor Mounts - Consult Factory

When Ordering, List Tractor Model Number



Parma CultiMulcher

18' and 20' Rigid Frame

Effective:

April 1, 2020

Hydraulic Controlled S-Tine Bar	Hydraulic Controlled Leveling Bar
HD S-Tines	4-IF 280/70R15 Radial Tires
Drag Bar	Saf-T-Chain
Vertical Till Disc Gang	Warning Light Kit
All Cylinders and Hoses & Tips	Transport Locks
2 3/16" Shafts & Double Roller Brgs On Front & Rear Rollers	Ductile Rings

Order Number	Description	Approx. Weight	List Price
	18' CultiMulcher		\$53,789.00
3524416	18' Roller 20" Crowfoot Front		\$11,520.00
3523689	18' Roller 12-14-20" Ductile Split Front		\$10,612.00
3523668	18' Roller 12-14-20" Ductile Rear		\$9,052.00
3523963	19' Roller 12-14-20" Ductile Rear		\$10,080.00
	18' Deep Frame CultiMulcher		\$58,907.00
3525305	18' Roller 14-16-22" Ductile Split Front		\$12,485.00
3523761	18' Roller 14-16-22" Ductile Rear		\$10,948.00
	19' Roller 14-16-22" Ductile Rear		\$11,950.00
	20' CultiMulcher		\$56,148.00
3524418	20' Roller 20" Crowfoot Front		\$13,864.00
3523692	20' Roller 12-14-20" Ductile Split Front		\$11,304.00
3523674	20' Roller 12-14-20" Ductile Rear		\$9,884.00
3523972	21' Roller 12-14-20" Ductile Rear		\$10,453.00
	20' Deep Frame CultiMulcher		\$63,022.00
3526571	20' Deep Frame 2-Bar CultiMulcher (S-Tine Bar in Place of Drag Bar)		\$62,352.00
3525302	20' Roller 14-16-22" Ductile Split Front		\$13,383.00
3523767	20' Roller 14-16-22" Ductile Rear		\$12,015.00
3526390	21' Roller 14-16-22" Ductile Rear		\$12,931.00
3524008	Grain Drill Hitch 18' & 20'		\$2,158.00



Parma CultiMulcher

24' and 28' Folding

Effective:

April 1, 2020

- | | |
|-------------------------------------|-----------------------------------|
| Hydraulic Controlled S-Tine Bar | Hydraulic Controlled Leveling Bar |
| HD S-Tines | 6-IF 280/70R15 Radial Tires |
| Drag Bar | Saf-T-Chain |
| Vertical Till Disc Gang | Warning Light Kit |
| All Cylinders and Hoses & Tips | Transport Locks |
| 2 3/16" Shafts & Double Roller Brgs | Ductile Rings |
| On Front & Rear Rollers | 3 Hinge Wing Fold |

Order Number	Description	Approx. Weight	List Price
	24' Folding CultiMulcher		\$112,893.00
	20" Crowfoot Front & 12-14-20" Ductile Ring Rear		
	24' Folding Deep Frame CultiMulcher		\$121,209.00
	14-16-22" Ductile Rings Front & Rear		
	28' Folding CultiMulcher		\$122,677.00
	20" Crowfoot Front & 12-14-20" Ductile Ring Rear		
	28' Folding Deep Frame CultiMulcher		\$130,506.00
	14-16-22" Ductile Rings Front & Rear		
3524745	Grain Drill Hitch		\$4,541.00